

A 2 U form factor built to perform your network needs.

Howard Computers' I2008 is an Intel® Xeon® 5000 Series based server in a 2U form factor. This system is a powerhouse in a small package. It features the Intel® 5000P chipset and Intel® Xeon® 5000 dual-core processors with a maximum of 32GB of PC2-4200 memory for plenty of reliable speed. This server is a breeze to install, setup, and comes with free web and phone tech support for the life of the system. This system features genuine Microsoft® Windows® Server 2003 and a powerful integrated graphics solution.



Howard I2008

Howard Computers recommends genuine Microsoft® Windows® Server 2003.

The Howard Advantage!

With every Howard product purchase, you receive the following for **FREE!**

- ✓ Phone and web tech support for the LIFE of your system
- ✓ 100% US-based, English-speaking customer support 24/7/365
- ✓ Phone hold times < 1 minute
- ✓ Reliable disaster recovery software

Experience the *Howard difference.*



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Feature	Description
Chipset	Intel® 5000P chipset
Processor Options	Supports 2 Intel® Xeon® 5000 and 5100 series processors, 667 / 1066 / 1333 MHz front side bus
System Memory	Up to 32 GB of PC2-4200 or PC2-5300 FB-DIMM memory
Hard Drive	Integrated Intel® 6321 ICH Southbridge RAID 0/1 2x Slim line bay for optical drives or floppy options Support for 6x S-ATA / SAS hard drives
Graphics	Integrated ATI® ES1000 16MB
I/O Slots	Option 1: 2x low profile PCIe x8 slots, 2x full height PCIe x8 slots, and 1x PCI-X slot Option 2: 2x low profile PCIe x8 slots and 3x PCI-X slots
I/O Ports	Rear Panel: VGA:1, Console Port: 1, Gigabit Ethernet: 2, Optional remote management hardware with dedicated LAN controller, PS/2 ports for keyboard and mouse: 2, Optional I/O Expansion Modules, USB slots dependant on front panel control unit
Network	Intel® PRO/1000EB Dual Port Gigabit Adapter
Power Supply	Single or redundant (1+1) 750 watt power supply
Dimensions	2 U form factor: 3.4" (H) x 16.9" (W) x 27.2" (L)

What are your needs?	Yes	No
Easy to set-up & configure	•	
Recommended for entry-level		•
Ideal database server	•	
Great for email, file, print & internet	•	
Ideal for multi-site telephony (VoIP) applications	•	
Removable storage device		•
Optional internal tape drive		•
Rack mountable server	•	
Pedestal server		•
Processor-intensive applications	•	
Vast internal storage		•
Embedded RAID 0,1	•	
Serial ATA hard drives	•	
Hot-swappable SCSI (SAS) hard drives	•	
Xeon 5000/5100 series	•	
Includes Lifetime support	•	

Q: Can this server support an office of 10 – 15 employees?
 A: Yes. These systems were developed to feature rich applications and to support a larger user installation base.

Q: Is this server replacing another Howard model?
 A: No. The "I" line is a completely new Intel® Xeon® 5000/5100 based series.

Q: Can this server handle Voice over IP applications and performance requirements?
 A: Yes. Even modestly configured versions with a single Intel® dual-core processor, 4 GB memory, and a RAID 1 configuration can handle 1,000 + users.

Q: What is Dual-Core?
 A: Dual-Core is the process of taking a single piece of silicon and placing two processor cores or "brains" on it. This effectively gives you dual processor configuration in a single package. In the instance of our "I" line which has two processor sockets this means you achieve a quad processor configuration.

Q: Why such a long lead time?
 A: Simply put — because we custom build each system once ordered and then thoroughly test it to ensure it will meet and / or exceed our customer expectations.

Q: Does Howard Computers offer installation services?
 A: Yes. Howard Computers has a Network Services Group that can do installation of systems as well as network security analysis and other technical services.

Q: Whom should I contact for support?
 A: Call Howard Computers for world-class support and service if there are any questions about the server. Customer support is available online at <http://www.howardcomputers.com/support>, through phone at 1.888.323.3151, by email at tech@howardcomputers.com or by traditional mail at Howard Computers, 580 Eastview Dr., Laurel, MS 39443.

Experience the Howard advantage.

Product Upgrades

Enhance your purchase with any or all of the following products or services. And feel free to contact us toll free at 888-912-3151 to discuss any questions or your specific needs!

- Additional memory
- Anti-virus software
- Back-up devices
- SCSI hard drive
- Technical management services

Warranty & Support

- Howard Computers' standard warranties apply.
- **FREE** customer and technical support to purchaser via telephone or web for the life of the system.
- Expedite your troubleshooting process by participating in our Howard Technical Partnership Program (HTPP) which certifies your staff to perform basic hardware service and support. Contact us today for more information.